

ABSTRACT OF THE DISCLOSURE

A heat-sensitive lithographic printing plate of the present invention, which enables image recording by infrared-ray scanning exposure based on digital data and has excellent on-press developability, high resistance to scumming and a long press life, the heat-sensitive lithographic printing plate having on a support with a hydrophilic surface an image-forming layer made up of microcapsules in which a reactive group-containing hydrophobic compound is enclosed, a light-to-heat converting agent and a water-soluble compound which has a reactive group capable of reacting with the hydrophobic compound and is situated outside the microcapsules.